Date first production - 6/11/	Date	Fret	produ	iction	リー	6/11/
		À				
	•		A _k			

Checked by Chief

Disapproval Letter

Approval Letter

COMPLETION BASA:

The Well Completed Joile Location Enspected

OW. J. W. Bond released

GW. OS. Ph. State or Fee Land

tered in NID File

Indexed

ation Map Pinned

E..... I..... Buel I Lat..... GR-M..... Micro...... Buel I Lat..... Mi-L..... Sonic......

CRLog..... CCLog..... Others....

Form approved. Budget Burenu No. 42 R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR

	DEPARTME	NT OF THE I	NTEF	RIOR			5. LEARE DESIGNATION	N AND BERIAL NO.
	GEOL	OGICAL SURV	ΈΥ				NOOC-14-20-	-5306
APPLICAT	TION FOR PERMIT	TO DRILL,	DEEPI	EN, OR F	LUG B	ACK	G. IF INDIAN, ALLOTT	EE OR TRIBE NAME
1a. TYPE OF WORK							Navajo Tril	
b. Type of well	DRILL X	DEEPEN		PL	UG BAC	K [_]	1. UNII AUREEMENT	NAME
OIL U	GAS WELL OTHER	•		INGLE	MULTIP	r.m 🔲	8. FARM OR LEASE NA	ME
2. NAME OF OPERAT	OR						Nava io "JT"	f
	Corporation						Navajo "JI"	
3. ADDRESS OF OPER		00010					2	
4. LOCATION OF WEI	x 670, Hobbs, N.M. (Report location clearly s	nd in accordance wi	th any S	state requirem	ents.*)	 -	10. FIELD AND POOL,	OR WILDCAT
At surface	& 1830 * FWL Sect						Wildcat 11. sec., T., R., M., OR	Bt.K.
At proposed pro		1011 12-450-2	عر.	Sw NE	F		AND BURVEY OR A	REA
							Sec. 14-43S-	•
14. DISTANCE IN M	ILES AND DIRECTION FROM N	EAREST TOWN OR POS	T OFFICE	E. *			12. COUNTY OR PARISI	
10. DISTANCE FROM	PROPOSED*		16. NO	O. OF ACRES IN	LHASE	17 NO 0	San Juan	Utah
LOCATION TO NE	CAREST CASE LINE, FT.		1	.920			HIS WELL	
18. DISTANCE FROM	et drig. unit line, if any) PROPOSED LOCATION®		I	OPOSED DEPTH		20. ROTAL	40 RY OR CABLE TOOLS	
	CLL, DRILLING, COMPLETED, ON THIS LEASE, FT.		6	050			Rotary	
21. ELEVATIONS (Sho	w whether DF, RT, GR, etc.)	 				<u></u>	22. APPROX. DATE W	ORK WILL START
							February 1	. 1975
23.		PROPOSED CASH	NG AND	CEMENTIN	G PROGRA	M		•
SIZE OF HOLE	81ZN OF CASING	WEIGHT PER F	тоот	SETTING	DEPTH		QUANTITY OF CEMP	NT
17-1/2"	13-3/8"	48#		5	001	Circu	late	
1111	* 8-5/8"	24#		<u>*18</u>	001	_100_S		
7-7/811	**5-1/2"	14#		***60	50 †	300 S	acks	
XTf Needo	d; **If Productiv						23.00	
TI MOOGE	d, wall troductive	ve					(NOLLY)	
BOP:: Se	e Drawing No. 2 a	attached:				ŧ,	A 161	<i>€</i>)
						30	AFLIENCH	
Mud Progr	•						UEC 29 1975	
	200-1300 Fre	sh Water wit	th Ge	1 & LCM	if need	ed 📈	DEC 2011 OF OL	
	1300-T.D. Fre	sh Water Ge	L				3 GAS, & MILL	/N/
							(I) 10	
							STITE	9/
						^		
					•			
IN ABOVE SPACE DES	CRIBE PROPOSED PROGRAM;]	f proposal is to deer	pen or pi	lug back, give	data on pr	esent prodi	active zone and propos	ed new productive
	s to drill or deepen direction							
24.		1					······································	
16	1994 \ n. 1/2 -	Α.					_	

Company Gulf Oil Corporation	
y i livril yo n	
Well Name & No. Navajo "JI" NO. 2	A A A A A A A A A A A A A A A A A A A
Location 730 feet from the North Line and 1830 feet from the Wes	st line.
Sec. 12 , T. 43 S., R. 25 E., S. L. M., County San Juan	Utah
Ground Elevation5100	
SEC. 12	

Scale, 1 inch = 1,000 feet

Surveyed	December 2	0			,	19 <u>75</u>
Million State	certify that the	above plat	was prepared	from field	notes of actua	survevs

made by the or under my supervision and that the same are true and correct to the lifest of my knowledge and belief.

Ernest V. Echohawk

Registered Land Surveyor

Utah Registration No. 2611

Gulf Energy and Minerals Company-U.S.

PRODUCTION DEPARTMENT HOBBS AREA

C. D. Borland
AREA PRODUCTION MANAGER

December 23, 1975

P. O. Box 670 Hobbs, New Mexico 88240

U. S. G. S. P. O. Box 959 Farmington, N.M. 87401



Surface Development Plan to Drill Navajo "JI" No. 2, 730 FNL 1830 FWL Section 12, T-43S, R-25E, San Juan County, Utah

Gentlemen:

The surface development plan for the proposed Navajo "JI" No. 2 is as follows:

- 1. Existing Roads See attached map.
- 2. Planned Access Road Road to be constructed from the Navajo "JI" No. 1 location to the proposed location. See attached map.
- 3. Location of Wells none in immediate area.
- 4. Lateral Roads to Well Location none in area. See attached map.
- 5. Location of Tank Batteries and Flow Lines none in area. Battery to be installed on location if drilling is successful.
- 6. Location and Types of Water Supply San Juan River and/or temporarily abandoned Navajo "JI" No. 1 to be used as water supply. See attached map.
- 7. Methods of Handling Waste Disposal trash to be burned and debris to be buried after completion of drilling.
- Location of Camps None in area.
- 9. Location of Airstrips None in area.
- 10. Location Layout See attached drawing.
- 11. Plans for Restoration of Surface Fill and level reserve pit. If dry hole, clean up and restore roads and location as specified by U. S. G. S.
- 12. Other Essential Information Location on top of ridge with sparse vegetation.

Gulf Representative: K. L. Collins, P. O. Box 670, Hobbs, N.M. 88240 Telephone 393-4121

Yours very truly,

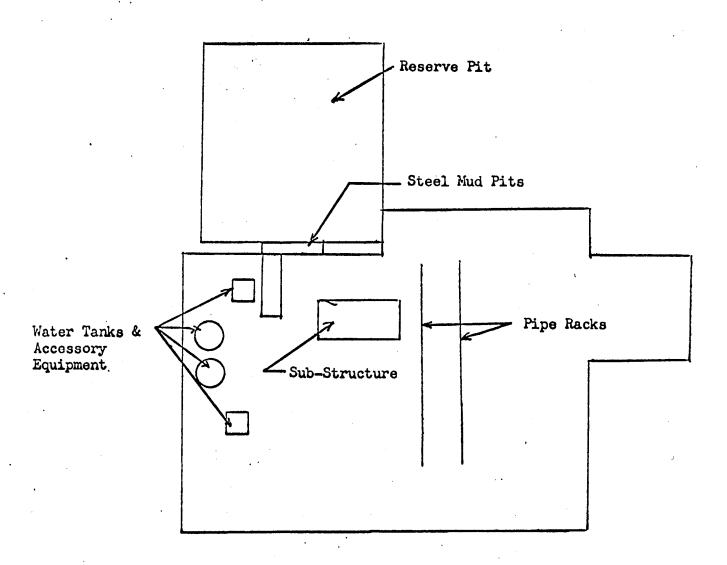
C. D. BORLAND

KLC:ptg Att*d

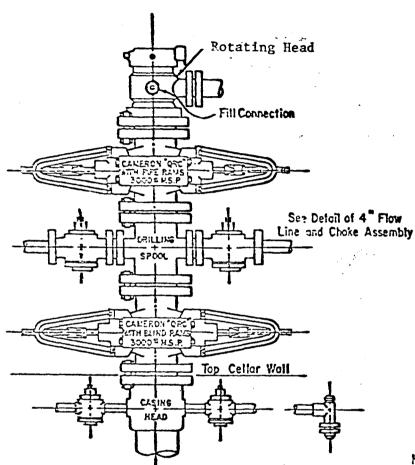
cc: Navajo Indian Agency
Window Rock, Arizona 86515



GULF OIL CORPORATION Navajo "JI" No. 2

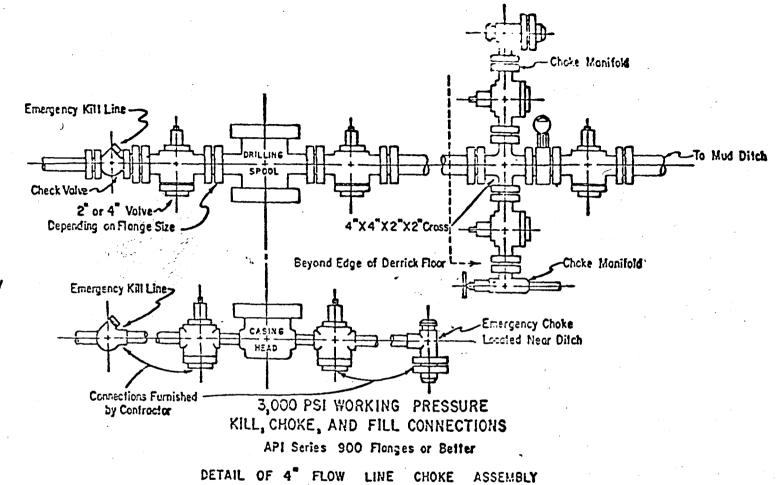


Scale: 1" = 50"



3,000 PSI WORKING PRESSURE
BLOWOUT PREVENTER HOOK - UP

Series 900 Flanges, or Beller



Minimum assembly for 3000 PSI working pressure will consist of two preventers which may be Cameron QRC, Cameron Type F, single or double, Comeron Space-Saver or Shaffer Hydroulic, single or double. If double preventers are provided, the drilling spect shall be placed below the preventers and the blind rams pieced in the upper preventer. With this arrangement it will not be necessary to provide a kill and choke line to Gulf's casinghead housing. In lieu of the drilling spect, the flanged outlets of the double Shaffer, the Space-Saver or double F, if they are the correct size, and provided the preventers can be installed to meet Gulf's requirements, may be used for the four-inch flow line and the two-inch kill line.

Size 12-inch preventers may be used for work down through 8-5/8-inch casing. Size 10-inch preventers may be used for work down through 7-5/8-inch casing. Size six-inch preventers are to be used for work through 7-inch and 5-1/2-inch casings.

Minimum operating equipment for the preventers will be: (1) An air operated pump and (2) An accumulator (5) with some means of obtaining a fluid charge. A closed fluid system is recommended. The closing manifold and remote closing manifold will have a separate four-way valve for each pressure operated device. Sufficient fluid capacity in the occumulator (5) shall be available to close all the pressure operated devices at the same time with 25 per cent reserve. Gulf No. 561 hydraulic oil shall be used as the operating fluid.

The four-inch flow line from the preventers shall be supported by a metal stand or reinferced concrete. All valves throughout the assembly shall be selected for operation in both gas and fluids. Sufficient substructure height is to be provided in the event Gulf should request installation of a rotating type blowout preventer. The preventers will be provided with stam extensions, universal joints, if needed, and operating wheels.

Gulf Energy and Minerals Company-U.S.

PRODUCTION DEPARTMENT HOBBS AREA

C. D. Borland
AREA PRODUCTION MANAGER

December 23, 1975

P. O. Box 670 Hobbs, New Mexico 88240

Re: Surface Development Plan to Drill Navajo "JI" No. 2, 730 FNL 1830 FWL Section 12, T-43S, R-25E, San Juan County, Utah

U. S. G. S. P. O. Box 959 Farmington, N.M. 87401

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Gulf Representative: K. L. Collins, P. O. Box 670, Hobbs, N.M. 88240 Telephone 393-4121

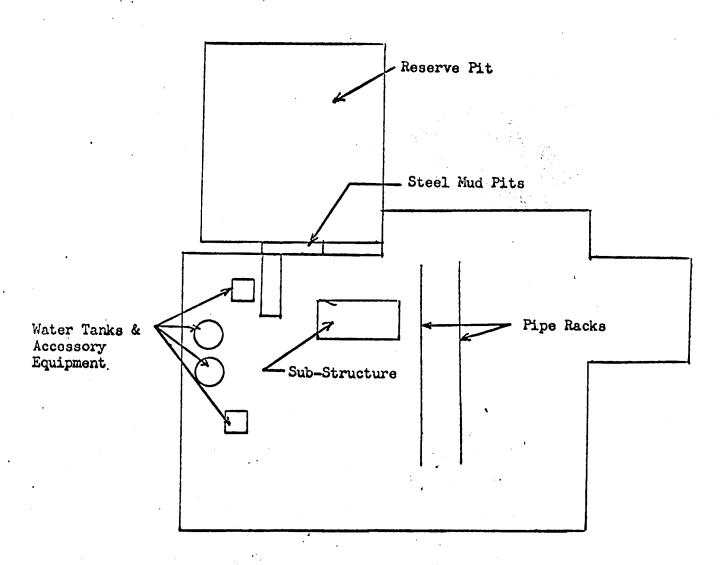
Yours very truly,

C. D. BORLAND

KLC:ptg Att'd

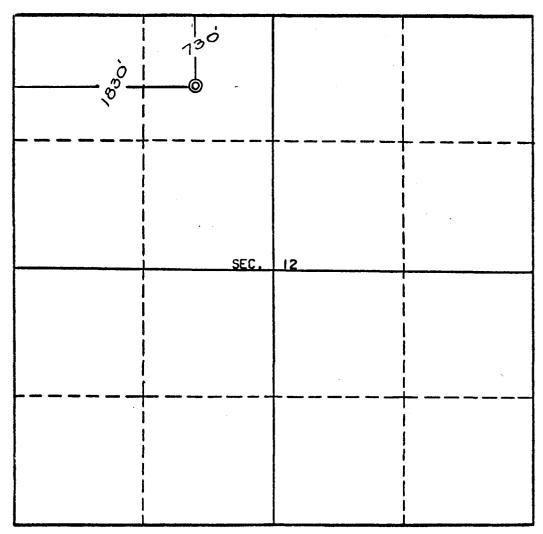
cc: Navajo Indian Agency
Window Rock, Arizona 86515

GULF OIL CORPORATION Navajo "JI" No. 2



Scale: 1" = 501

Company Gulf Dil Corporation
Well Name & No. Navajo "JI" NO. 2
Location 730 feet from the North Line and 1830 feet from the West Line
Sec. 12 , T. 43 S., R. 25 E., S. L. M., County San Juan , Utah
Ground Elevation5100



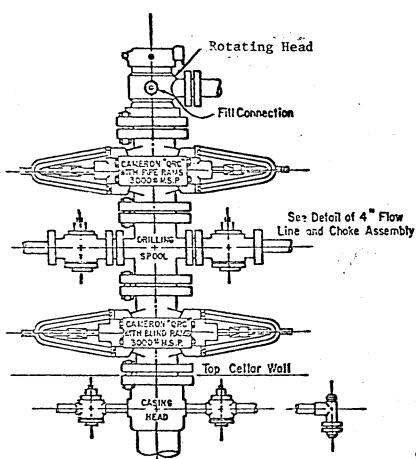
Scale, 1 inch = 1,000 feet

Surveyed December 20			, 19.75
Afficients certify that the above plat	was prepared from	field notes of	nctual surveys
made by me or under my supervision west of my knowledge and belief.	and that the same	are true and	correct to the
Moest of my knowledge and belief.			

Ernest V. Echohawk Registered Land Surveyor Utah Registration No. 2611

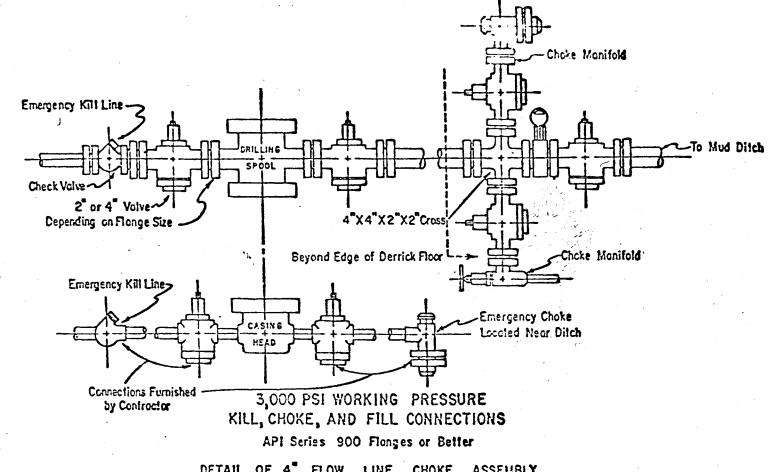
2611

Seal:



3,000 PSI WORKING PRESSURE BLOWOUT PREVENTER HOOK - UP

Series 900 Flanges, or Beller



DETAIL OF 4" FLOW LINE CHOKE ASSEMBLY

Minimum assembly for 3000 PSI working pressure will consist of two preventers with may be Cameron QRC, Cameron Type F, single or double, Comeron Space-Saver or Shaffer Hydroulic, single or double. If double preventers are provided, the drilling speel shall be placed below the preventers and the blind rams pieced in the upper preventer. With this arrangement it will not be necessary to provide a kill and choke line to Guif's cosinghed housing. In lieu of the dr. Ming speed, the floaged outlets of the double Shaffer, the Space-Saver or double F, if they are the correct size, and provided the preventers can be installed to meet Gulf's requirements, may be used for the four-inch flow line and the two-inch kill line.

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FILE NOTATIONS

Date: <u>Vec. 29</u>	- AMAMA
Operator: July	Castray & Mustali)
Well No:	War II #2
Location: Sec. 7 T.4	35 R. 257- County:
·	
	/
File Prepared	Entered on N.I.D.
Card Indexed	Completion Sheet
,	,
Checked By:	£
Administrative Assistan	t: We will
Remarks:	Cla (15) De Canida col
Petroleum Engineer/Mined	d Land Coordinator:
Remarks:	Edila Gootafilator.
Remarks.	
Director:	
Remarks:	
Include Within Approval Lette	er:
Bond Required	Survey Plat Required
Order No.	Blowout Prevention Equipment
	al exception/company owns or controls acreage 0' radius of proposed site
O.K. Rule C-3	O.K. InUnit
Other:	
	Letter Written

December 31, 1975

Gulf Oil Corporation P.O. Box 670 Hobbs, New Mexico 88240

Re: Well No's:

Navajo "JI" #2,

Sec. 14, T. 43 S, R. 25 E,

Navajo "JC" #2

Sec. 19, T. 42 S, R. 26 E,

San Juan County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PATRICK L. DRISCOLL - Chief Petroleum Engineer

HOME: 582-7247 OFFICE: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

The API numbers assigned to these wells are:

"JI" #2: 43-037-30264 "JC" #2: 43-037-30263

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT DIRECTOR

CBF: sw

cc: U.S. Geological Survey

eeinogmoD fluD edt

LAW DEPARTMENT

March 10, 1976

P. O. Ball 1150 Midland, TX 79701

The State of Utah Department of Natural Resources Division of Oil, Gas and Mining 1588 West North Temple Salt Lake City, Utah 84116

Re: Use of Corporate Name

Gentlemen:

This letter is in reference to the recent restructuring within Gulf Oil Corporation. As of August 1, 1975, five Operating Divisions were created within Gulf Oil Corporation, one of them being Gulf Energy and Minerals whose main function is the exploration and production of oil and gas. These Operating Divisions were created so that the management of Gulf Oil Corporation could better evaluate the performance of each segment of the Corporation. These Operating Divisions are not corporate entities and are not qualified to do business in an individual corporate capacity.

It has been brought to our attention that in certain instances the name Gulf Energy and Minerals has been listed in administrative reports and notices issued by your Department. All of our leases in Utah are held under the name of Gulf Oil Corporation, and we operate these leases and file all reports under the same name.

We request that the Department of Natural Resources use the name of Gulf Oil Corporation rather than Gulf Energy and Minerals in any and all notices and reports that may be published or posted.

Thank you very much for your assistance in this matter.

Yours very truly,

Robert H. Thomas

RHT:bc

Form 9-331 (May 1963)	\-
--------------------------	----

WELL

2. NAME OF OFFRATOR

UNITED STATES DEPARTMENT OF THE INTER

SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.

Use "APPLICATION FOR PERMIT—" for such proposals.)

Box 670, Hobbs, New Mexico 88240

LOCATION OF WELL (Report location clearly and in accordance with any State requirements.

See also space 17 below.)
At surface

GEOLOGICAL SURVEY

	SUDMIT IN TRI. 🧀	
IOR	(Other Instructions o verse side)	n re

Form approved, Budget Bureau No. 42 R1424. 6. LEARE DESIGNATION AND MERIAL NO.

NOOC-1	4-20-5360
14000-1	4-20-2700

V	10(DC-14	-20-53	60	١ .	_	
6.	1F	ENDEAN,	-20-53	OR	TRIME	ار:	A M

Navaio	Tribe	

Nava to JI

2 10, MIELD AND POOL, OR WILDCAT

Wildcat M. OR BLK. AND

Sec 12, 43-S,

14. PERMIT NO.

730' FNL & 1830' FWL, Section 12, 43-S, 25-E

WELL

Gulf Oil Corporation

OTHER

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5100' GL

San Juan

Utah

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOT	ICH OF	INTENTION TO:		SUBSEQUENT REPORT OF:							
			r1	- F							
RST WATER SHUT-OFF		PULL OR ALTER CASING		WATER SHUT-OFF K	XX REPAIRING WELL						
RACTURE TREAT		MULTIPLE COMPLETE		FRACTURE TREATMENT	ALTERING CARING						
SHOOT OR ACIDIZE		ABANDON*		SHOOTING OR ACIDIZING	ABANDONMENT*						
EPAIR WELL		CHANGE PLANS		(Other)							
Other)				(Note: Report resul Completion or Recom	ts of multiple completion on Well (appletion Report and Log form.)						

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Araphoe Drilling Company spudded 12-1/4" surface hole at 8:15 PM, March 5, 1976. Drilled to 485'. Reamed 12-1/4" hole to 17-1/2" to 485'. Ran 10 joints and 1 cut joint, 470' of 13-3/8" OD 48# K-55 ST&C casing set and cemented at 484' with 300 sacks of Class C Neat and 290 sacks of Class C with 2% Ca Cl2. Cement circulated. WOC over 18 hours. Tested casing with 1000#, 30 minutes, OK.

Started drilling 11" hole at 485' at 9:30 AM, March 8, 1976.



18. I hereby certify that the foregoing is true and correct TITLE Project Petroleum Engineer DATE March 9, 1976 (This space for Federal or State office use) APPROVED BY CONDITIONS OF APPROVAL, IF ANY:

· .	Farm = 331 (Ma) 1963)	UN. TED STATES	SUBMIT IN TRID S'ATHS Other Indirections on te	Form Approved 3 Hodget Patros, No. 12 HH24				
		MENT OF THE INTERIO GEOLOGICAL SURVEY	(verse side)	TO LEARE DESIGNATURE VALUE HARRES NO				
	SUNDRY NOT	ICES AND REPORTS ON	to a different reservoir.	B. IF INDIAN, ALEGELLE, OR THINK MAME				
	Use "APPLIC	ATION FOR PERMIT " for such prope	anls,)	NOOC-14-20-5360				
	OIL GAS WELL OTHER 2. NAME OF OPERATOR			Navajo Tribe				
•	Gulf Oil Corporation 3. ADDRESS OF OPERATOR			Navajo JI				
	Box 670, Hobbs, New M 4. Location of Well (Report location of See also space 17 below.)	exico 88240 dearly and in accordance with any Sta	te requirements.*	2 10. FIELD AND POOL, OR WILDCAT				
730	At surface FNL & 1830' FWL, Section	n 12, 43-S, 25-E		Wildcat 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA				
				Sec 12, 43-S, 25-E				
	14. PERMIT NO.		15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5100					
	16. Chark A			San Juan Utah				
	NOTICE OF INTE	opropriate Box To Indicate Nati	- • •	INER DOID				
	SHOOT OR ACIDIZE REPAIR WELL (Other) 17. DESCRIBE PROPOSED OR COMPLETED OPPoposed work. If well is directinent to this work.)*	onally drilled, give subsurface locations	Completion or Recompletails, and give pertinent dates, and measured and true vertica	altering Casing ABANDONMENT* of multiple completion on Well etion Report and Log form.) including estimated date of starting and I depths for all markers and zones perti				
(-5 ?1ug	phoe Drilling Company dri ST&C casing set and cem down at 11:30 PM, March tes, OK.	ented at 2030' with 200	sacks of Class B	containing 2% Ca Cl2.				
Star	ted drilling 7-7/8" hole	at 2100'.						
	And	San	(*					

8. I hereby certify that the foregoing is true and correct SIGNED	TITLE Project Petroleum Engineer	DATE March 12, 1976
(This space for Federal or State office use)		
APPROVED BY CONDITIONS OF APPROVAL, IF ANY:	TITLE	DATE

_				P	· 2 0
Form 9-331 (May 1963)	UnitED STA	TES	SUBMIT IN TRIPLE ATE* (Other justructions on re-	Form approx Budget Bure	ved. eau No. 42-R1424.
L D	EPARTMENT OF TH		verse side)	5. LEASE DESIGNATION	AND SERIAL NO.
· · · · · · · · · · · · · · · · · · ·	GEOLOGICAL S	SURVEY	·····	NOOC-14-20-53	
	Y NOTICES AND R			6. IF INDIAN, ALLOTTE	E OR TRIBE NAME
	n for proposals to drill or to de e "APPLICATION FOR PERMIT	I-" for such proposa	s.)	Navajo Tribe	
OIL GAS WELL	OTHER			7. UNIT AGREEMENT N	AME
2. NAME OF OPERATOR				8. FARM OR LEASE NA	ME
Gulf Oil Corpor. 3. ADDRESS OF OPERATOR	ation			Navajo JI 9. WELL NO.	
Roy 670 Hobbs	New Martes 88240			,	
4. LOCATION OF WELL (Report See also space 17 below.) At surface	New Mexico 88240 rt location clearly and in accord	ance with any State	requirements.*	10. FIELD AND POOL,	OR WILDCAT
				Wildcat 11. SEC., T., R., M., OR	BLK. AND
/30. ENT & 1830.	FWL, Section 12, 43	3-S, 25-E	•	SURVEY OR ARE.	
	•			Sec 12, 43-S.	25-E
14. PERMIT NO.	15. ELEVATIONS (S	how whether DF, RT, C	3, etc.)	12. COUNTÍ OR PARIS	H 13. STATE
***		5100' 0	IL	San Juan	Utah
16.	Check Appropriate Box To	o Indicate Nature	e of Notice, Report, or C	Other Data	
NOTI	CE OF INTENTION TO:	1	SUBSEQU	ENT REPORT OF:	
TEST WATER SHUT-OFF	PULL OR ALTER CASI	NG	WATER SHUT-OFF XX	REPAIRING	WELL
FRACTURE TREAT	MULTIPLE COMPLETE		FRACTURE TREATMENT	ALTERING (CASING
SHOOT OR ACIDIZE	ABANDON*		SHOOTING OR ACIDIZING	ABANDONME	NT*
REPAIR WELL	CHANGE PLANS		(Other)	of multiple completion	on Well
(Other)	uni para opra miova (Closulu at	to all postinguit ditu	Completion or Recompl	etion Report and Log fo	orm.)
proposed work. If well nent to this work.) *	MPLETED OPERATIONS (Clearly Stall is directionally drilled, give s	subsurface locations a	ns, and give pertinent dates, and measured and true vertica	including estimated da il depths for all marker	te of starting any
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	depth of 7-7/8" hol				
int, 5964' of 5-1/2"					
ass A with 4% gel, dicated top of cemen					
ireated top or cemen	L al 4020 . WOC OV	er 24 nours.	rested casing w	1th 1500#, 50	minutes, or
				191	
				* *** ********************************	
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	/ ~ /				

Form 9-331 (May 1963) DEPA	Ui AED STATES RTMENT OF THE INTERIO	SUBMIT IN TRI. CATE (Other instructions on re	Form approved. Budget Bureau No. 42-R142 5. LEASE DESIGNATION AND SERIAL NO.
·	GEOLOGICAL SURVEY		NOOC-14-20-5360
SUNDRY	IOTICES AND REPORTS O	N WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
	proposals to drill or to deepen or plug ba PLICATION FOR PERMIT—" for such pro		나는 그 유민들은 전 그 모든 그용을 다
	PLICATION FOR PERMIT—" for such pro	posals.)	Navajo Tribe
OIL GAS C			7. UNIT AGREEMENT NAME
WELL LX WELL OTH	ER		
2. NAME OF OPERATOR			8. FARM OR LEASE NAME
Gulf Oil Corporation	on		Navajo JI
3. ADDRESS OF OPERATOR			9. WELL NO.
Box 670, Hobbs, New	Mexico 88240 tion clearly and in accordance with any S		2
See also space 17 below.)	tion clearly and in accordance with any S	tate requirements.	10. FIELD AND POOL, OR WILDCAT
At surface		•	Wildcat Wildcat
	•		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
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			Sec 12, 43-S, 25-E
14. PERMIT NO.	15. ELEVATIONS (Show whether DP,	RT, GR, etc.)	12. COUNTY OR PARISH 13. STATE
	5100	' GL	San Juan Utah
16. Chec	k Appropriate Box To Indicate No	uture of Natice, Report, or (Other Data
	INTENTION TO:		
NOTICE OF	INTENTION TO:	SUBSEC	QUENT REPORT OF:
TEST WATER SHUT-OFF	PULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING WELL.
FRACTURE TREAT	MULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING CASING
SHOOT OR ACIDIZE	ABANDON*	SHOOTING OR ACIDIZING X	X ABANDONMENT*
REPAIR WELL	CHANGE PLANS	(Other)	
(Other) Request to te	est pump well.	(NOTE: Report result Completion or Recom	s of multiple completion on Well pletion Report and Log form.)
17. DESCRIBE PROPOSED OR COMPLET proposed work. If well is onent to this work.) *	ED OPERATIONS (Clearly state all pertinent lirectionally drilled, give subsurface location	details, and give pertinent dates ons and measured and true verti	s, including estimated date of starting at cal depths for all markers and zones per
7' TD, 5930' PB.			
5954-58'. Ran 2-3/8" t	of 15% NE acid on bottom. cubing and RTTS packer. Tels of water per hour, a	Set packer at 5908'	. Swabbed at rate of 5.
order to evaluate this	well, permission is bere	hy requested to in-	tall test nummins sani-
test well for approximater, containing approximater.	eately 30 days. Gas will coximately 60,000 PPM of	be vented, and mean	sured, based on GOR test
erve pit.			
		• . •	
r early approval of thi	s request will be apprec	iated.	
	PROVED RV	THE DIVICION -	
	OIL, GAS, AN	THE DIVISION OF ID MINING	
	DATE: Apri	1 12, 1976 Ausall	
	A'i	1	
	BY: PL	Hus call	
		1	

FORM OGC-8-X
FILE IN QUADRUPLICATE

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING 1588 West North Temple Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well	Name and N	umber Navaj o	JI No. 2						
Oper-	ator	Gulf C	il Corporation						
	Address	Box 67	O, Hobbs, New Mexico 88240						
Cont	ractor	Arapho	e Drilling Company						
Address Box 26687, Albuquerque, N. M. 87125									
Loca	tion <u>NE</u> 1/	4, <u>NW</u> 1/4,	Sec. <u>12</u> ; T. <u>43 x0</u> x; R. <u>25</u> E S xxx	; <u>San Juan </u>					
Wate	r Sands: <u>Dept</u> From-	<u>h</u> : To-	<u>Volume</u> : Flow Rate or Head -	<u>Quality:</u> Fresh or Salty -					
1.	2020' -	2400'	200 BPH (Est)	1700 PPM salt					
2.	3070'	3300'	Not tested	Salty					
3.				-					
4.									
5.									
		-	•	Side if Necessary)					
Form	ation Tops:	The for	nation Type						

NOTE: (a) Upon diminishing supply of forms, please inform this office.

(b) Report on this form as provided for in Rule C-20, General Rules And Regulations and Rules of Practice and Procedure.

(c) If a water quality analysis has been made of the above reported zone, please forward a copy along with this form.

P. O. BOX 1468
PHONE 943-3234 OR 563-1040
MONAHANS, TEXAS 79756

RESULT OF WATER ANALYSES

406 W. ILLINOIS MIDLAND, TEXAS 79701 PHONE 683-4521

LABORATORY NO SAMPLE RECEIVED RESULTS REPORTE	4-1-7	6
RESULTS REPORTE	4-2-7	
	D	6
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e <u> </u>	jo "JI" 🛵 -	730 FNL & 18
UN	TC-SEC 19-	T425-R26
San Juan 🦸	STATE Ut	:ah
5'-5,977'). 3	1-28-76	
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L PROPERTIES		<u>, </u>
NO. 2	NO. 3	NO. 4
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results. Howe	ever, based or	our
		-with-
natural connat	te water as of	poced
		
		
	San Juan 25'-5,977'). 3 L PROPERTIES NO. 2 grams Per Liter is in this area results. Howe	L PROPERTIES NO. 2 NO. 3 II II RAT

Form No. 3

P. O. BOX 1468 PHONE 943-3234 OR 563-1040 MONAHANS, TEXAS 79756

RESULT OF WATER ANALYSES

406 W. ILLINOIS MIDLAND, TEXAS 79701 PHONE 683-4521

	1 AD	ORATORY NO	57677	
ro: Mr. Glyn Stone			F 17 7	76
P. O. Box 670, Hobbs, New Me	exico RES	ULTS REPORTE	5-18-	76
COMPANY Gulf Energy & Minerals Co	OU.S. LEASE	Na	vajo "JI"	
FIELD OR POOL				1
SECTION BLOCK SURVEY	COUNTYSa	in Juan s	TATEUta	ìh
SOURCE OF SAMPLE AND DATE TAKEN:		"a	/ /	
No. 1 Produced water - taken fr	rom Navajo "JI"	担. — 730	FNL & 183	o' FNL
NO. 2	UNIT	C- SEC.	19-T425-	RZGE
NO. 3	SA	Lugar Co	11 TA-11	
		•	UIAM	
NO. 4 REMARKS: SAMPLE FROM PERFORM	m. 10 5961	25/	 	
Control of the Contro	THE PERSON NEW YORK OF THE PERSON NAMED IN COMPANY NAMED IN COMPANY OF THE PERSON NAMED IN CO			
CHEMICAL	AND PHYSICAL PR		,	
Specific Gravity at 60° F.	NO. 1	NO. 2	NO. 3	NO. 4
	1.0800			
pH When Sampled				
pH When Received	7.5			
Sicarbonate as HCO3	349			
Supersaturation as CaCO3				
Undersaturation as CaCO ₃	17,600			
Total Hardness as CaCO3 Calcium as Ca	3,680			
	2,041			
Magnesium as Mg	39,355			
Sodium and/or Potassium	701	*		
Suifate as SO4	72,439			
Chloride as C1 Iron as Fe	6.8			
Barium as Ba				
	- 			
Turbidity, Electric Color as Pt				
Total Solids, Calculated	118,565			
Temperature °F.	110,505			
Carbon Dioxide, Calculated				
Dissolved Oxygen, Winkler				
Hydrogen Sulfide	60.0			
Resistivity, ohms/m at 77° F.	0.083			
Suspended Oil				
Filtrable Solids as mg/1		· · · · · · · · · · · · · · · · · · ·		
Volume Filtered, ml				

	1			
				
Result	s Reported As Milligrams F	Per Liter		
	s Reported As Milligrams f se contact us if		of assistance	e in inter-
			of assistance	e in inter-
Additional Determinations And Remarks Pleas			of assistance	e in inter-
Additional Determinations And Remarks Pleas			of assistance	e in inter-
Additional Determinations And Remarks Pleas			of assistance	e in inter-
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Additional Determinations And Remarks Pleas			of assistance	e in inter-
Additional Determinations And Remarks Pleas			of assistance	e in inter-
Additional Determinations And Remarks Pleas pretation of these results.		we can be	of assistance	

SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposable to defile of to deeper or plus back to alliferant repayroir. (DEC WILL CONTROL TOWN FIREMAND CON FI	Form 9-331 (May 1963) DEPART	UI TO STATES - MELL OF THE INTERI GEOLOGICAL SURVEY	OR verse side)	
OLL ENGINE WILL OTHER 2. NAME OF OPERATOR GUIL OIL COrporation 8. Park of Cidentic Oil Corporation 8. Address of Operators BOX 670, Hobbs, New Mexico 88240 4. Location of well, (Report location clearly and in accordance with any State requirements.* See this pages of Tolebox. The Cidentic Oil Corporation 730' FAL S 1830' FWL, Section 12, 43-S, 25-E 13. Peratic No. 15. Elevations (Show whether N. R. Os. etc.) 16. Check A property of Indicate Nature of Notice, Report, or Other Data NOTICE OF INTERSTON TO: The Carrier where substant School of Indicate Nature of Notice, Report, or Other Data NOTICE OF INTERSTON TO: **REAL WELL CHAPTER COMPLETE **REAL WELL CHAPTER CHAPTER **REAL WELL CHAPTER CHAPTER **REAL WELL CHAPTE	(Do not use this form for prop Use "APPLIC			
730' FNL & 1830' FWL, Section 12, 43-S, 25-E 14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.) 16. Check A carecticle Box To Indicate Notice of Notice, Report, or Other Data SUBSUQUENT REPORT OF: FRACTURE TREAT SHOOT OR ACIDED SHOOTING OF INTERPRION TO: TERST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDED SHOOTING OF ACIDE	GAS WELL OTHER 2. NAME OF OPERATOR Gulf Oil Corporation 3. ADDRESS OF OPERATOR Box 670, Hobbs, New Market Control of the Second of the Sec	lexico 88240 clearly and in accordance with any	Tool or	8. FARM OR LEASE NAME NAVAJO JI 9. WELL NO. 2 10. FIELD AND POOL, OR WILDCAT
Check A COLONIO TO THE DOY OF INTENTION TO: TEST WATER SHUT-OFF PULL OR ALTER CASING WATER SHUT-OFF REPAIRING WELL SHOOTO OR ACIDIZE SHOOTO OR ACIDIZE SHOOTO OR ACIDIZE COLONIO TO A CIDIZE COLONIO TO A	730' FNL & 1830' FWL, Sect			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
TENT WATER SHUT-OFF PRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL (Other) 17. Descript work if well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and sones perforations 5954' to 5958' with 50 sacks of Class B cement containing 2% Ca Cl2. Pressur held at 4,000%. Released from retainer and reversed out 15 sacks of cement. Perforated 5-1/2" casing with 2, 1/2" JHPF at 5886' to 5894'. Ran treating equipment and treated new perforations with 3,000 gallons of 15% NE acid. Maximum pressure 3500%, ISIP 2600%, after 15 minute 1500%. AIR 2 BPM. Swabbed and cleaned up. Pulled treating equipment. Ran 2-3/8" tubing and set at 5834'. Ran rods and pump and placed well on production June 21, 1976.	14. PERMIT NO.	Ì	•	
TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL (Other) 17. DESCRIBE PROPOSED OF COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting rent to this work.) 18. Pulled producing equipment on June 8, 1976. Set cement retainer at 5920' and squeezed perforations 5954' to 5958' with 50 sacks of Class B cement containing 2% Ca Cl2. Pressur held at 4,000%. Released from retainer and reversed out 15 sacks of cement. Perforated 5-1/2" casing with 2, 1/2" JHPF at 5886' to 5894'. Ran treating equipment and treated new perforations with 3,000 gallons of 15% NE acid. Maximum pressure 3500%, ISTP 2600%, after 15 minute 1500%. AIR 2 BPM. Swabbed and cleaned up. Pulled treating equipment. Ran 2-3/8" tubing and set at 5834'. Ran rods and pump and placed well on production June 21, 1976.	16. Charle A			
TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL (Other) 17. DESCRIBE PROPOSED OF COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting nent to this work.)* 17. DESCRIBE PROPOSED OF COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting nent to this work.)* 18. Pulled producing equipment on June 8, 1976. Set cement retainer at 5920' and squeezed perforations 5954' to 5958' with 50 sacks of Class B cement containing 2% Ca Cl2. Pressur held at 4,000#. Released from retainer and reversed out 15 sacks of cement. Perforated 5-1/2" casing with 2, 1/2" JHPF at 5886' to 5894'. Ran treating equipment and treated new perforations with 3,000 gallons of 15% NE acid. Maximum pressure 3500#, ISIP 2600#, after 15 minute 1500#. AIR 2 BPM. Swabbed and cleaned up. Pulled treating equipment. Ran 2-3/8" tubing and set at 5834'. Ran rods and pump and placed well on production June 21, 1976.				
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18. I hereby cartify that the foregoing is true and correct	perforations 5954' to 5958 held at 4,000#. Released 5-1/2" casing with 2, 1/2 perforations with 3,000 ga 15 minute 1500#. AIR 2 2-3/8" tubing and set at 1	B' with 50 sacks of Cl from retainer and rev 'JHPF at 5886' to 589 allons of 15% NE acid. BPM. Swabbed and cle	ass B cement contain ersed out 15 sacks o 4'. Ran treating eq Maximum pressure 3 aned up. Pulled tre	ing 2% Ca C12. Pressure f cement. Perforated uipment and treated new 500#, ISIP 2600#, after ating equipment. Ran
18. I hereby certify that the foregoing is true and correct				
$m{arphi}$ $m{$	18. I hereby certify that the foregoing		ea Engineer	DATE June 21, 1976

DATE _

TITLE ..

(This space for Federal or State office use)

APPROVED BY ______CONDITIONS OF APPROVAL, IF ANY:

UNI

	GF	OLOGICA					erse side)		ATION AND SERIAL NO
	<u> </u>							NOOC-14-	20-5360 OTTEE OR TRIBE NAM
	MPLETION: C		MPLETIC	ON REP	ORT	AND LO	G *	Navajo T	
la. TYPE OF WELL	L: OIL WELL	X WELL	DRY	Oth	er			7. UNIT AGREEME	NT NAME
b. TYPE OF COMP	PLETION:	. PLUG C			** **	Profes			· · · · · · · · · · · · · · · · · · ·
NEW X	OVER L EN	DACK DACK	DIFF.	Oth لــا	er	174.11.11.11.		S. FARM OR LEAS	
2. NAME OF OPERATO					J.	N 23 197	6	Navajo J	<u> </u>
3. ADDRESS OF OPER	Corporation				DI			2	
	lobbs, New Me	exico 882	40		GA!	5 & 100		10. FIELD AND PO	OL, OR WILDCAT-
4. LOCATION OF WEL				oith any St	ate require	ementa)*		Wildcat	
At surface	730' FNL & 1	830 FWL	, Section	on 12,	43-S,	25-E			, OR BLOCK AND SURVE
At top prod. inte	erval reported below							7	
At total depth		- Ş	3 1 2 a						
At total depth		7	· 14 PERM	III NO.	Г	ATE ISSUED		Sec 12,	43-S, 25-E
1	•	••} :	1/2	-17	7 P 1 1	1		PARISH =	
15. DATE SPUDDED	16. DATE T.D. REAC	HED 17. DAT	COMPL. (R	eady to pro	od.) 18.	ELEVATIONS (DF. RKB.	San Juan RT, GR, ETC.)* 19.	Utah:
3-5-76	3-29-76	6	-11-76		-3	5100'			
20. TOTAL DEPTH, MD a		ACK T.D., MD &	TVD 22. I	F MULTIPL	E COMPL	1, 23. IN	TERVALS ILLED BY	ROTARY TOOLS	CABLE TOOLS
5977 ')' 👙 🗼	. S:	ingle				0 - 5977'	
24. PRODUCING INTER	VAL(S), OF THIS CO:	IPLETION-TOP	, BOTTOM, NA	AME (MD A	ND TVD)*				25. WAS DIRECTIONAL SURVEY MADE
		- 1990 14. - 12.5 - 1 13.							
5886' to 5		<u> </u>			<u> </u>	<u> </u>		1.97	No
26. TYPE ELECTRIC A		41.			្រ ប៊ីនាស់ ។ ប្រជាពីស្រី				WAS WELL CORED
28.	ensity-Neuti		NG RECORI	D (Penert)	all atrimos	agt in small)			Yes
CASING SIZE	WEIGHT, LB./FT.	DEPTH SE		HOLE S			MENTING	RECORD	AMOUNT PULLED
13-3/8"	48#-	484	-	17-1/2)''	590 sa	cks ((irculated)	
8-5/8"	24#	2030			<u> </u>	200 sa		, <u>rrcuraceu</u> ,	
5-1/2"	15.5#	5977		7-7/8	3"			b C at 4820')
		<u> </u>			: 1				
29.									
······································		VER RECORD			•	30.		TUBING RECORD	
SIZE		TTOM (MD)	SACKS CEM	ENT* SO	REEN (MD) SIZE		DEPTH SET (MD)	PACKER SET (MD)
······································			SACKS CEM	ENT* SO	REEN (MD				PACKER SET (MD)
SIZE	TOP (MD) . BO	OTTOM (MD)	SACKS CEM			2-3/8	8"	5834 ¹	5834 (Anche
SIZE 31. PERFORATION REC	TOP (MD) . BO	OTTOM (MD)	1 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	3:	2.	2-3/8	8"	5834 1 TURE, CEMENT SQ	PACKER SET (MD) 5834 (Anchouse ETC.
SIZE 31. PERFORATION REC	TOP (MD) BO	OTTOM (MD)	SACES CEM	3:	2. DEPTH INT	ACID, SHOTERVAL (MD)	8" RACT	DEPTH SET (MD) 5834 1 TURE, CEMENT SQ IOUNT AND KIND OF	PACKER SET (MD) 5834 (Anchoueeze, ETC. MATERIAL USED
SIZE 31. PERFORATION REC	TOP (MD) BO	and number)	1 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	3:	2.	ACID, SHOTERVAL (MD)	8" RACT	DEPTH SET (MD) 5834 1 TURE, CEMENT SQ IOUNT AND KIND OF	PACKER SET (MD) 5834 (Ancho UEEZE, ETC.
SIZE 31. PERFORATION REC	TOP (MD) BO	ortox (MD) and number) th 2, 1/2	1 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	3:	2. DEPTH INT	ACID, SHOTERVAL (MD)	8" RACT	DEPTH SET (MD) 5834 1 TURE, CEMENT SQ IOUNT AND KIND OF	PACKER SET (MD) 5834 (Ancho UEEZE, ETC.
31. PERFORATION REC Forated 5-1/2 5' to 5894'.	TOP (MD) BO	und number)	" JHPF	at I	2. SEPTH INT. 5886-1	ACID, SHOTERVAL (MD)	8" RACT	DEPTH SET (MD) 5834 1 TURE, CEMENT SQ IOUNT AND KIND OF	PACKER SET (MD) 5834 (Anchoueeze, ETC. MATERIAL USED
SIZE 31. PERFORATION REC Forated 5-1/2 5' to 5894'.	TOP (MD) . BO ORD (Interval, size of	and number)	" JHPF	at s	2. 5886-1	3 SIZE 2-3/8 ACID, SHOT ERVAL (MD) 5894'	8" T. FRACT	5834 TURE, CEMENT SQUOUNT AND KIND OF OO gallons o	PACKER SET (MD) 5834' (Ancho UEEZE, ETC. MATERIAL USED f 15% NE acid
31. PERFORATION RECEIVED TO 1.25 to 5894'.	TOP (MD) . BO ORD (Interval, size of	and number) th 2, 1/2	" JHPF	at s	2. 5886-1	3 SIZE 2-3/8 ACID, SHOT ERVAL (MD) 5894'	8" T. FRACT	DEPTH SET (MD) 5834 I TURE, CEMENT SQ IOUNT AND KIND OF 00 gallons o	PACKER SET (MD) 5834 (Anche UEEZE, ETC. MATERIAL USED f 15% NE acid
31. PERFORATION REC forated 5-1/2 6' to 5894'.	TOP (MD) . BO ORD (Interval, size of	and number) th 2, 1/2	"JHPF	PRODUC	2. 5886-1	ACID, SHOTERVAL (MD) 5894 ' and type of pu	T. FRACT	DEPTH SET (MD) 5834 I FURE, CEMENT SQ IOUNT AND KIND OF 00 gallons o WELL STAT WELL STAT Shut-in) Produ	PACKER SET (MD) 5834 (Anchouse ETC. MATERIAL USED f 15% NE acid
SIZE 31. PERFORATION REC Forated 5-1/2 5' to 5894'. 33.* DATE FIRST PRODUCTION 5-11-76 DATE OF TEST	TOP (MD) . BO ORD (Interval, size of the control of	ortox (MD) and number) th 2, 1/2 ION METHOD (F	" JHPF	PRODUCT lift, pumps	5886-1	ACID, SHOTERVAL (MD) 5894 ' and type of pu	T. FRACT	DEPTH SET (MD) 5834 I FURE, CEMENT SQ TOUNT AND KIND OF OO gallons o WELL STAT shut-in) Produ WATER—BBL.	PACKER SET (MD) 5834 (Anchouse E.E. ETC. MATERIAL USED f 15% NE acid
SIZE 31. PERFORATION REC Forated 5-1/2 5' to 5894'. 33.* DATE FIRST PRODUCTION 5-11-76 DATE OF TEST 5-18-76	TOP (MD) BOOKED (Interval, size of the control of t	ion Method (No. Pump Choke Size 2" - Calculated	JHPF 'lowing, gas PROD'N. TEST PE	PRODUCT lift, pumping FOR OIL RIOD	2. 5886-1	ACID, SHOTO	T. FRACT	DEPTH SET (MD) 5834 1 FURE, CEMENT SQ IOUNT AND KIND OF OO gallons o WELL STAT Shut-in) Produ WATER—BBL.	PACKER SET (MD) 5834' (Anche UEEZE, ETC. MATERIAL USED f 15% NE acid
SIZE 31. PERFORATION REC Forated 5-1/2 5' to 5894'. 33.* DATE FIRST PRODUCTION 5-11-76 DATE OF TEST 5-18-76	TOP (MD) . BO ORD (Interval, size of the control of	ortox (MD) and number) th 2, 1/2 ion method (F Pump choke size 2"	JHPF Flowing, gas PROD'N. TEST PE OIL—BBI	PRODUCE lift, pumping FOR OIL RIGOD	5886-1 TION ing—size of the BBL.	ACID, SHOTO	T. FRACT	DEPTH SET (MD) 5834 1 FURE, CEMENT SQ IOUNT AND KIND OF OO gallons o WELL STAT Shut-in) Produ WATER—BBL.	PACKER SET (MD) 5834' (Anche UEEZE, ETC. MATERIAL USED f 15% NE acid US (Producing or cing GAS-OIL RATIO
31. PERFORATION REC forated 5-1/2 6' to 5894'.	TOP (MD) BOORD (Interval, size of the control of th	ortom (MD) and number) th 2, 1/2 ion Method (N Pump choke Size 2" Calculated 24-hour Rati	JHPF 'lowing, gas PROD'N. TEST PE	PRODUCE lift, pumping FOR OIL RIGOD	5886-1 TION ing—size of the BBL.	ACID, SHOTO	8" AN 300	DEPTH SET (MD) 5834 1 FURE, CEMENT SQ IOUNT AND KIND OF OO gallons o WELL STAT Shut-in) Produ WATER—BBL.	PACKER SET (MD) 5834 (Anchouse Set (MD) 5834 (Anchouse Set (MD) UEEZE, ETC. MATERIAL USED f 15% NE acid us (Producing or cing GAS-OIL RATIO GRAVITY-API (CORR.)
31. PERFORATION REC forated 5-1/2 6' to 5894'. 33.* DATE FIRST PRODUCTION 6-11-76 DATE OF TEST 6-18-76 FLOW. TUBING PRESS. 34. DISPOSITION OF GAME	ORD (Interval, size of the control o	ortom (MD) and number) th 2, 1/2 ion Method (N Pump choke Size 2" Calculated 24-hour Rati	JHPF Flowing, gas PROD'N. TEST PE OIL—BBI	PRODUCE lift, pumping FOR OIL RIGOD	5886-1 TION ing—size of the BBL.	ACID, SHOTO	T. FRACT	DEPTH SET (MD) 5834 TURE, CEMENT SQ IOUNT AND KIND OF OO gallons o WELL STAT Shut-in) Produ WATER—BBL. 5 —BBL. OIL	PACKER SET (MD) 5834' (Anche UEEZE, ETC. MATERIAL USED f 15% NE acid US (Producing or cing GAS-OIL RATIO GRAVITY-API (CORR.) BY
31. PERFORATION REC forated 5-1/2 6' to 5894'. 33.* DATE FIRST PRODUCTI 6-11-76 DATE OF TEST 6-18-76 FLOW. TUBING PRESS.	ORD (Interval, size of the control o	ortom (MD) and number) th 2, 1/2 ion Method (N Pump choke Size 2" Calculated 24-hour Rati	JHPF Flowing, gas PROD'N. TEST PE OIL—BBI	PRODUCE lift, pumping FOR OIL RIGOD	5886-1 TION ing—size of the BBL.	ACID, SHOTERVAL (MD) 5894 and type of pu	T. FRACT	DEPTH SET (MD) 5834 I FURE, CEMENT SQ IOUNT AND KIND OF OO gallons o WELL STAT Shut-in) Produ WATER—BBL. 5 —BBL. OIL	PACKER SET (MD) 5834 (Ancho UEEZE, ETC. MATERIAL USED f 15% NE acid US (Producing or cing GAS-GIL RATIO GRAVITY-API (CORR.) BY

COVERNMENT PRINTING OFFICE: 1969-- O-683636

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INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items zz and 23, and 30, neavy regarded segments. See instructions on items zz and 23, and object of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions. and/or State office.

Hem 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or reactal once for historical instructions.

It is an a second in the second of the s or intervals, top(s), bottom(s) and name(s)—(n any) to come, come additional data pertinent to such interval, additional interval to be separately produced, showing the additional data pertinent to such interval to be separately produced, showing the details of any multiple stage cementing and the location of the cementing tool. "Sucks Cement": Attached supplemental records for this well should show to be separately produced. (See instruction for items 22 and 24 above.) should be listed on this form, see item 35. or Federal office for specific instructions. Item 29: Item 33: for each

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2000	OUS ZONES: TANT ZONES OF TESTED, CUSHIC	TOP	0			*					5935',		to 5897'. 15	HP 3019 -	50771	٠,	TOS MIN CI	3.°	· -				े	\(\frac{1}{2}
	37. SUMMALIA DE PORCOUS ZONES. SHOW ALL IMPORTANT SORIS OF POROSITY AND CONTENTS THEREOF; DEPTH INTERVAL TESTED, CUSHION USED, TIMB TOOL OPEN, FLOWING	FORMATION		-	,						- 5897¹ to		5877' to	W/tr oil. H	50051	3535 10	#6/6T	1. 1.			in	<u> </u>	10 V	
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\	UI ED STATES EPARTMENT OF THE IN	TERIOR (Other Instructio.	Form approved. Budget Bureau No. 42-R1424. LEASE DESIGNATION AND SERIAL NO.
0. 86% 588	GEOLOGICAL SURVI	· · · · · · · · · · · · · · · · · · ·	NOO-C-14-20-5360 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
	NOTICES AND REPORT OF PROPERTY OF THE PROPERTY		
OIL GAS WELL	OTHER		7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR			8. FARM OR LEASE NAME
Gulf Oil Con	poration		Navajo "JI"
	70, Hobbs, NM 88240		9. WELL NO.
	location clearly and in accordance wi	ith any State requirements.*	10. FIELD AND POOL, OR WILDCAT Wildcat
NE/4 NW/4 Se	ection 12-T43S-R25E		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
			Sec 12, T43S, R25E
14. PERMIT NO.	15. ELEVATIONS (Show who		12. COUNTY OR PARISH 13. STATE San Juan Utah
16.	heck Appropriate Box To India	cate Nature of Notice, Report,	or Other Data
NOTICE	OF INTENTION TO:		BESEQUENT REPORT OF:
TEST WATER SHUT-OFF	PULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING WELL
FRACTURE TREAT	MULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING CASING
SHOOT OR ACIDIZE	ABANDON* CHANGE PLANS	BHOOTING OR ACIDIZING	ABANDONMENT*
REPAIR WELL (Other)	CHANGE PLANS	(Other) (Note: Report r	esults of multiple completion on Well ecompletion Report and Log form.)
17. DESCRIBE PROPOSED OR COM- proposed work. If well nent to this work.) *	PLETED OPERATIONS (Clearly state all p is directionally drilled, give subsurfa		dates, including estimated date of starting any vertical depths for all markers and zones perti-
ended to PBE perforations mud. Use 12 at 4950'. PT cement and suse 90 sx ce at 3076'. Use sing shoe casing flang	55915', use 16 sx cemes 5886-94'. Pull up to sx cement and spot plus. Cut 5-1/2" casing at spot plug #3 from 4600's ment and spot plug #4 Use 86 sx cement and spot at 2030'. Use 15 sx cement and spot plus #4	ent and spot plug #1 for 5775'. Displace water by 5775'. Displace water ag #2 from 4975' up to 4500' and recover. Rid up to 4400' across 5 from 3176' up to 2976 pot Plug #5 from 2130' dement and set 50' sure casing outlet valve.	at 5834' & POH. RT open- rom 5915' up to 5775' across r in hole with abandonment 4875' across top of Hermosa T to 4600'. Use 60 sx -1/2" casing stub at 4500'. ' across top of DeChelly up to 1930' across 8-5/8" face plug in top of 8-5/8" Install dry hole marker. on.
		DIM RE	Language
		rarmin	MOTON
		FEB2	2 1977
		And Andrews	
18. I hereby certify that the f	oregoing is true and correct		1
signed O. T. Z	Berlin TITL	Ann - Francis	DATE 2-15-77
(This space for Federal or	: State office use)		
ARRORGIVET	TITL	E	DATE
CONDITIONS OF APPRO	VAL, IF ANY:		

FEB 1 T 1377

FEB 17 19//

Form 9-331 (May 1963)		UED STATES MENT OF THE INT	FRIOR	(Ashan Instantal T	TE*	Form appro Budget Bur 5. LEASE DESIGNATIO	eau No. 42-R1424.
		EOLOGICAL SURVE				NOO-C-14-20-	-5360
S	UNDRY NOTI	CES AND REPOR	rs on	WELLS		6. IF INDIAN, ALLOTT	EE OR TRIBE NAME
		als to drill or to deepen or TION FOR PERMIT—" for a					
1.		· <u> </u>	<u> </u>	Sh =		7. UNIT AGREEMENT	NAME
WELL S GA	LL _ OTHER		_/\$\frac{1}{2}	FFICE			
2. NAME OF OPERAT	or Dil Corporati	.on	182	18 18 197	. 1	8. FARM OR LEASE N.	
3. ADDRESS OF OPER		· · · · · · · · · · · · · · · · · · ·	1	15/ON 05 1977	₇ -	Navajo "JI" 9. WELL NO.	
	•	bs, NM 88240	15	MININGIL,			2
See also space 1'	LL (Report location cl 7 below.)	early and in accordance with	n any State	e requirements.*		10. FIELD AND POOL, Wildcat	
At surface				CITY	-	11. SEC., T., R., M., OF SURVEY OR ARI	
NE/4 1	W/4 Section	12-T43S-R25E			ľ	SURVEY OR ARI	E ▲
						Sec 12, T43S	-
14. PERMIT NO.		15. ELEVATIONS (Show whet 5100')		GR, etc.)		12. COUNTY OR PARIS	Utah
) OLAII
16.	Check Ap	propriate Box To Indica	ite Natui	e of Notice, Report,	or Ot	her Data	
	NOTICE OF INTENT	TION TO:		SU	BSEQUE	NT REPORT OF:	
TEST WATER SH	 	ULL OR ALTER CASING		WATER SHUT-OFF		REPAIRING	· [1
FRACTURE TREAS		ULTIPLE COMPLETE		FRACTURE TREATMENT		ALTERING ABANDONM	. []
SHOOT OR ACIDI		ABANDON*	ł	SHOOTING OR ACIDIZING (Other)	' L	ABANDONA	ENT
(Other)			ļ		esults o	f multiple completion tion Report and Log f	n on Well form.)
ended perfor mud. U at 495 cement Use 90 at 307 casing	to PBD 5915' cations 5886- Jse 12 sx cem 60'. PT. Cut and spot pl sx cement a 76'. Use 86 s shoe at 203 g flange. Bu	sed R&P. Unseat to use 16 sx cement 94'. Pull up to ent and spot plug 5-1/2" casing at ug #3 from 4600' and spot plug #4 for sx cement and spot o'. Use 15 sx cell plug 13-3/8" of d prepare location APPROVED EXECUTED 15 SA CELL, GAS, A	t and 5775'. 42 fr 4500' up to From 31 ot Plug ement a casing on for	spot plug #1 fr Displace water om 4975' up to and recover. RT 4400' across 5-	com 5 r in 4875 r to -1/2"	5915' up to 5 hole with ab ' across top 4600'. Use ' casing stub coss top of D to 1930' acro	of Hermosa 60 sx at 4500'.
		DATF.			ľ	frem	•
		D/ (1 L				C	• • • • • • • • • • • • • • • • • • •
		BY:					
18. I hereby certify	that the foregoing is	true and correct					·
signed	J. F. Berlin	TITLE		Area Engineer		DATE 2-1	5-77
	Federal or State offic						
APPROVED BY		TITLE				_ DATE	

טני	GEOLOGICAL SURVEY	·- · · · ·	N00-C-14-20- 5360
	NOTICES AND REPORTS r proposals to drill or to deepen or place. r prication for PERMIT—" for suc		G. IF INDIAN, ALLOTTEE OR TEIRE NAME
			7. UNIT AGREEMENT NAME
WELL X GAS WELL O	TREE	RECEIVED	S. FARM OR LEASE NAME
Gulf Oil Corporat	ion.		Navajo "JI"
AUDRESS OF OPERATOR		SEP 1 2 1984	9. WELL, NO.
Box 670, Hobbs,	N.M. 88240 cation clearly and in accordance with	any State requirements.	2 10. FIELD AND POOL, OR WILDCAT
See also space 17 below.) At surface		DIVISION OF OIL	Wildcat
		gas & Mining	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
NE/4 NN/4 Secti	on 12, T-43-S, R-25-E		Sec. 12, T-43-S, R-25-H
. PERMIT NO.	15. ELEVATIONS (Show whether	r DF, RT, GR, etc.)	12. COUNTY OR PARISH 13. STATE
	5100' G	L	San Juan Utah
Che	ck Appropriate Box To Indicate	e Nature of Notice, Report,	or Other Data
NOTICE O	F INTENTION TO:	su	BSEQUENT REPORT OF:
TEST WATER SHUT-OFF	PULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING WELL
PRACTURE TREAT	MULTIPLE COMPLETE	FRACTURE THEATMENT	ALTERING CASING
SHOOT OR ACIDIZE	ABANDON* CHANGE PLANS	SHOOTING OR ACIDIZING (Other)	(ABANDONMENT* XX
(Other)	CHANGE PLANS	(NOTE: Report re	esults of multiple completion on Well completion Report and Log form.)
DESCRIBE PROPOSED OR COMPLE proposed work. If well is nent to this work.) *	TED OPERATIONS (Clearly state all pertidirectionally drilled, give subsurface	inent details and give pertinent of	dates, including estimated date of starting at certical depths for all markers and zones per
at 2500'. Pulled 3176' to 2976' ac 2600' to 2400' ac 2131' to 1931' ac 50' to surface.		00'. Spotted 25 sac Spotted 65 sacks 20 b. Spotted 86 sacks e. Spotted 15 sacks	200' cement plug from 50' cement plug from
motured dry nor	ac marker ozemica zoe		,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
		,	and was a sure
			APR 20 1977
		•	
SIGNED CERTIFY that the force	going is true and correct	Area Engineer	DATE 4-19-77
(This space for Federal or S	tate office use)		
APRICOVED.	L. IF ANY:	/	DATE
	15 MILLIA	ζ	
HUL 27 1977	11/1 / Jack	/	
e. II. McGrath	See Instructi	ons on Reverse Side	

DISTRICT ENGINEER



DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

LAND OFFICE	UGGH
LEASE NUMBE	,NOO-C-14-20-5306
	avajo "JI"

LESSEE'S MONTHLY REPORT OF OPERATIONS

•6	gent's	addr	ess	I	P. O.	Box 2063		., 19, 	npanu	Gulf Oil	Corporation	
			Hous	ton,	Texas	77001	*****	Sign	ned		- ugl	
<i>F</i> =	hone.			13	778-20	000		Age	ent's title.	Super	visor 5	
-	Bec. and Mod M	TWP.	RANGE	WELL No.	DAYS PRODUCED	Barrels of Oil	GRAVITY	Cu. Fr. of Gas (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut date and result of test fo content of gas)	r gascline
ne	NW 12	43S	25E	2				-0-	-0-	NONE		
						,					. *	
•								_			·	
			-					OIL On hand at	heginnin	o of mont	h -n-	
			•					Produced di	uring mon		-0-	
								Sold durin Unavoidable			-0-	
		Ì						On hand at		onth	-0- -0-	• ÷
	•					•		7		. 3 3	10.15	
								Barrels of	water pr	oaucea	NONE	-
								GAS			NONE	•
						*		Sold Flared or	vented		NOVE	•
•	•							Used on /				
		l				. *						
2 -	U.S.	.s.	DRA	WER	1857 1857	ROSWELL, N	EW ME	XICO 88201				
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	Salt	Lake	Cit	y, U	tah 84	116	131011	1)00 West	NOI OII	cmprc,	·	
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1 -	Gulf	011	CO.	0. 1			İ	, New Mexi	00240		(P)	
1 -	Gulf	Oil	Co.	บ. :	. P.	0. Box 115	Mid:	and, Texas	79701	ney		
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no runs or sales of gasoline during the month. (Write "no" where applicable.)

Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329 (January 1950)

FASE	NUMBER NOO-C-14-20-5306
UNIT.	Mayelo "II"

LESSEE'S MONTHLY REPORT OF OPERATIONS

٠	(gent's		es s]	P. O.	Box 2063			npany	Gulf Oil	Corporation
1	hone .		7	13-:	77820	000			ent's title.	Super	rvisor ()
-	BEC. AND K OF K	Twe.	RANGE	WELL No.	DATE PRODUCED	Babrels of Oil	GRAVITY	Cu. Fr. of Gas (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, names; date and result of test for gasoline contant of gas)
2	NW 12	438	25E	2				-0-	-0-	NONE	
				<u> </u>						 	
								OTI		ļ	
								OIL On hand at	beginnin	g of mont	h -0-
			•					Produced d	uring mon		-0-
							İ	Sold during Unavoidable	۲		-0-
				1		! !		On hend et	ł	onth	-0- -0-
				ļ				!		1	
								Barrels of	water pr	oduced	NONE
							1	GAS			
						,	-	Sold			NONE
	•			1				Flared or	1	ļ	
							Ì	Used on /	off lease	1	
										<u> </u>	
_	U.S.	c.s.	DRA	WER	1857	ROSWELL,	njew me	xICO 88201	! !		
	11+oh	0:1	& Ca	Co	a c a mu a	tion-Commi	iesion	1588 West	North T	emple	`.
_	Salt	Lake	CIT	V . U	tan 64	116	1011	1588 West	NOI OII	cmprc,	
		}			1				00515		<i>X</i>
-	Gulf	011	Co.	U. 1	\$. P.	0. Box 670	Hobbs	, New Mexi	co 88240		2/
_	Gulf	011	co.	บ. :	s. P.	O. Box 115	50 Mid]	land, Texas	79701	268	
		1								1	RECEIVE
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							1		CINE		SEP 1 2 1984
									Y//		20112
							1				DIVISION OF O

Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed i duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329 (January 1950)

16-25766-9 W. S. GOVERNIENT PRINTING OFFIC

SCOTT M. MATHESON

GORDON E. HARMSTON

Executive Director,

NATURAL RESOURCES

CLEON B. FEIGHT

Director



OIL, GAS, AND MINING BOARD

1. DANIEL STEWART
Chairman

CHARLES R. HENDERSON JOHN L. BELL THADIS W. BOX C. RAY JUVELIN

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING 1588 West North Temple Salt Lake City, Utah 84116 (801) 533-5771

April 18, 1979

Gulf Oil Corporation Box 670 Hobbs, New Mexico 88240

Re: Well No. Navajo JI #2
Sec. 12, T. 43\$, R. 25E,
San Juan County, Utah

Gentlemen:

According to our records, a "Well Completion Report" filed with this office <u>June 21, 1976</u> from above referred to well(s) indicates the following electric logs were run: GR-Sonic-Density-Neutron & DIL

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of the electric and radioactivity logs.

Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS & MINING

KATHY OSTLER RECORDS CLERK